

Development of Organic Production Materials

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A series of chapters relevant to organic production primarily in the Southeast is being finalized through the funding to the IFAFS Organic Agriculture Consortium. Ten chapters are currently being finalized and will be discussed and presented to the OAC consortium. ATTRA has been contracted to assist with formatting and insuring that the chapters are user-friendly for our targeted audience which includes extension personnel and farmers. Chapters have been prepared by several authors and include the following:

CHAPTER TITLE	AUTHORS	CONTENT
Composting	Keith R. Baldwin and Jackie Greenfield	How the process works; Monitoring temperatures ; Composting methods; Impacts on soil properties; Compost recipes; Feedstocks and new organic rule; Compost biomaturity; Application rates; References and additional reading
Crop Rotation in Organic Agriculture	Keith R. Baldwin	Building organic matter with rotations; Using rotations to reduce soil erosion; Using cover crops to build soil fertility; Crop rotation nutrient considerations; Comparing light vs heavy feeder crops; Pest Management Considerations; References and additional reading
Cover Crops for Organic Production Systems	Keith R Baldwin and Nancy Creamer	Using cover crops to reduce erosion; Soil Moisture Considerations; Cover crops and pests; Nitrogen fixation; Legumes vs grass cover crops; Measuring cover crop nitrogen; Cover crop residue management; Economics; Cover crops for the southeast; References and additional reading
Soil Fertility	Keith R. Baldwin	Nutrient management; Sampling manures and composts; Calculating application rates; Applying manure; Organic amendments; Increasing organic matter; Regulatory considerations; References and additional reading
Soil Quality Considerations for Organic Farmers	Keith R. Baldwin	Soil Quality Indicators; New organic rule; Soil Organic Matter; Physical/biological indicators; Chemical indicators; Soil Quality kit; References and additional reading
Conservation Tillage on Organic Farms	Keith R. Baldwin	Conventional vs conservation tillage; No-till, ridge-till and strip till; Importance of conservation tillage; Soil physical qualities; Organic matter management; Soil fertility management; Cover crop management;

		Management of Compaction; Conservation tillage equipment; References;
Organic Livestock Production and Marketing	David Zodrow and Harold Rachuonyo	Writing an organic plan; Pasture and range fertility plan; Fertilizers and amendments; Controlling pasture weed and pests; Feed and feed supplements; Acquiring and caring for livestock; Livestock health; Organic product marketing and labeling; Organic livestock final rule text; Conclusion and additional reading
Disease Management	Frank Louws	Systems approach: Diversity; Principles of Diagnosis; Inoculum Sources and basic biology; Management Tactics; Disease-free seed and plants; Insect vectors; Site selection and modification; Host resistance; Crop Rotation; Biological control; Approved Fungicides
Weed Management	Denise Finney Nancy Creamer David Monks Katie Jennings Wayne Mitchem	What is a weed; Rethinking farm design (including using crop rotation, cover crops, living mulches); Reducing weeds before planting; Increasing crop competitiveness; Cultivation practices for organic crops; Tools for weed control; Approaches to managing perennial weeds; Additional tools (animals, approved herbicides, stopping the spread, breeding); A systems level approach
Organic Insect Management	Mike Linker David Orr Mary Barbercheck	Monitoring ; Cultural practices; Pheromones and other attractants; Biological control using insect pathogens; Biological control using insect predators and parasitoids; Conserving natural predators and parasitoids; Augmenting predators and parasitoids; Insecticides; References